

(19) World Intellectual Property Organization
International Bureau



SEP 2004

(43) International Publication Date
16 October 2003 (16.10.2003)

PCT

(10) International Publication Number
WO 03/084831 A1

(51) International Patent Classification⁷: **B65D 33/36**

(21) International Application Number: PCT/US03/08114

(22) International Filing Date: 17 March 2003 (17.03.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/368,537 1 April 2002 (01.04.2002) US

(71) Applicant (for all designated States except US): **ILC DOVER, INC.** [US/US]; One Moonwalker Road, Frederica, DE 19946 (US).

(72) Inventor: and

(75) Inventor/Applicant (for US only): **MANLOVE, Lance, Fuller** [US]; 22232 Shore Drive, Seaford, DE 19973 (US).

(74) Agent: **PAVELKO, Thomas, P.**; Stevens, Davis, Miller & Mosher, L.L.P., 1615 L Street, N.W., Suite 850, Washington, DC 20036 (US).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

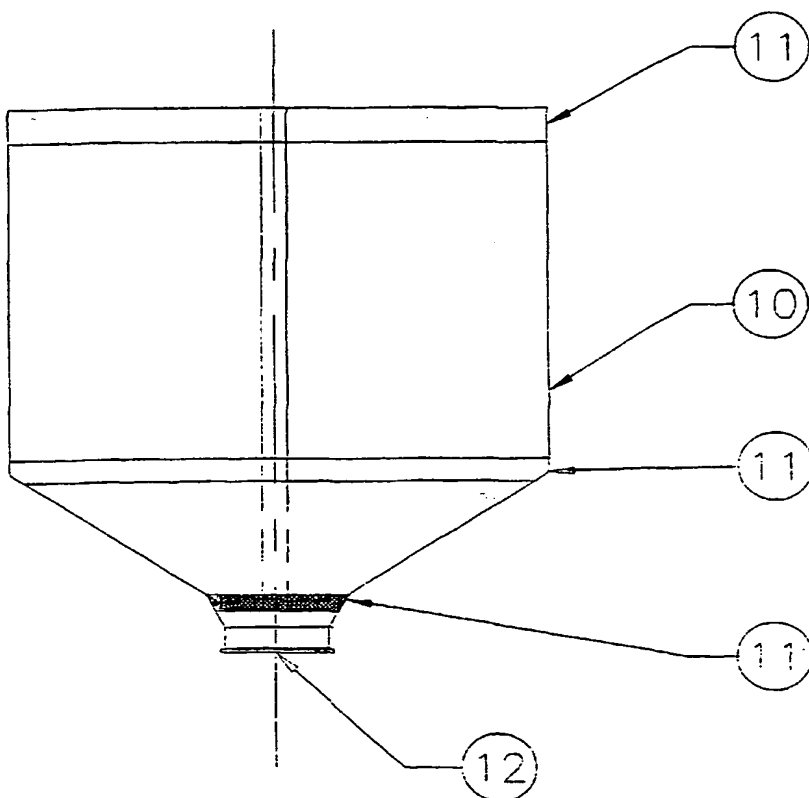
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: FLEXIBLE CONTAINMENT CHARGING DEVICE



(57) Abstract: The present invention is a material transfer device (1), utilizing flexible outer and inner liners (13,10). The present invention may additionally include a window (18) for viewing the load disposed inside the device. the transfer device may be formed from flexible material to integrally form a sealing valve.

WO 03/084831 A1